

~~SECRET~~
TURSKY, T.; SMDIAK, J.

Activity of several pyridoxal enzymes during stimulation & inhibition of rat brain. Cas. lek. cesk. 97 no.6-7:171-174 14 Feb 58.

1. Biochemicky ustav lekarskej fakulty Univerzity Komenskeho v Kosiciach.

(COENZYMES

pyridoxal enzymes in rat brain homogenates, eff. of electrostimulation & anesth. (Cz))

(BRAIN, metab. same)

(ANESTHESIA, eff.

on pyridoxal enzymes in rat brain homogenates (Cz))

SEDLICK
SEDIK, Jan; TURSKEY, Timotej

Vitamin B6 content of brain. III. Changes in vitamin B6 concentration in rat brain after stimulation & inhibition. Cas. lek. cesk. 97 no.6-7: 175-178 14 Feb 58.

1. Biochemicky ustav Lekarskej Fakulty University Komenskeho v Kosiciach.
(VITAMIN B6, metab.
brain, eff. of stimulation & inhib. in rats (Cz))
(BRAIN, metab.
vitamin B6, eff. of stimulation & inhib. in rats (Cz))

SEDLAR, Jan

A. find of the species *Acipenser ruthenus* Linne 1758 and *Acipenser guldenstadti colchicus* Marti 1940 in the Little Danube. *Biologia* 15 no.8:612-614 '60. (EEAI 10:4)

1. Vysoka skola polnohospodarska, Nitra.
(CZECHOSLOVAKIA--STURGEONS)

1. Neurological Problems in Childhood. A. A. Gerasimov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, pp 69-74.
2. Problems in the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
3. Appearance of Depressive Conditions During Apoplexias. Treatment of Tangle States. E. G. Gerasimov, Prof MD, Director (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
4. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
5. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
6. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
7. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
8. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
9. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
10. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
11. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
12. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
13. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
14. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
15. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.
16. Problems of the Case Histories of a Neurology Unit. K. P. Pavlov, Chief (Pediatrics) Department of Pediatrics, (Pediatrics Institute) USSR, Moscow, and A. A. Gerasimov, (Pediatrics Institute) USSR, Moscow, pp 69-74.

VOJTISEK, V.; SEDLAK, J.; HATALA, M.; ZRUSTOVA, M.; KRAUS, R.

Contribution to the problem of cholangitis. Cas.lek.cesk 100 no.24/25:
792-797 23 My '61.

1. Chirurgická klinika LFH KU v Praze, prednosta prof. dr. E. Polak.
Katedra mikrobiologie LFH KU v Praze, prednosta prof. dr. J. Sedlak.
Ustav pro patologickou anatomii LFH KU v Praze, prednosta doc. dr.
J. Stolz. Embryologický ustav KU v Praze, prednosta prof. dr. Zd.
Frankenberger.

(CHOLANGITIS surg)

SEDLAK, J.; KRAJNAK, V.

Serum benzidine oxidase in epidemic hepatitis. Cesk. gastroent. 16
no.1:50-55 Ja '62.

1. Centralne laboratorium OUNZ Martin, prednosta dr. J. Sedlak
Infekcne oddelenie OUNZ Martin, prednosta dr. V. Krajnak.
(OXIDASES) (LIVER FUNCTION TESTS) (BLOOD CHEMICAL ANALYSIS)
(HEPATITIS INFECTIOUS)

SEDLAK, J.; PIZL, M.; Technicka spolupraca HORVATHOVA, O.; HALAMA, M.

Progesterone in the treatment of edema in cardiac insufficiency.
Preliminary report. Bratisl. lek. listy 42 no.5:278-283 '62.

1. Z Centralneho laboratoria OUNZ v Martine, prednosta MUDr. J. Sedlak,
a z interneho oddelenia OUNZ v Martine, prednosta MUDr. M. Pizl.

(HEART FAILURE CONGESTIVE ther)
(PROGESTERONE ther)

~~LANGER~~, P.; SEDLAK, J.; MICHAJLOVSKIJ, N.

On strumigenic substances in food from the viewpoint of our experimental studies. Bratisl. lek. listy 42 no.6:330-334 '62.

1. Z Endokrinologického ustavu SAV v Bratislave, riaditel MUDr. J. Podoba, C. Sc.

(GOITER etiol) (VEGETABLES chem)
(THIOCYANATES toxicol)

SEDLAK, J.; GALANDA, V.; Technicka spolupraca: BALKOVA, M.

Acquired cystinuria. Čas. lek. česk. 102 no.39:1070-1072
27 S '63.

1. Centralne laboratorium OUNZ v Martine, prednosta J. Sedlak,
prom. lekar Detske oddelenie OUNZ v Martine, veduci MUDr.
V. Galanda.

(CYSTINURIA) (GLOMERULONEPHRITIS)

SEDLAK, J.; SEDLAKOVA, J.; Technicka spolupraca: NEUSCHLOVA, E.

On the mechanism of action of Apiserum. Cas. lek. Cesk. 104
no.46:1276-1278 19 N '65.

1. Centralne laboratorium Obvodniho ustavu narodniho zdravi
v Martine (veduci MUDr. J. Sedlak) a Interne oddelenie Obvod-
niho ustavu narodniho zdravi v Martine (veduci MUDr. J. Jakus).
Submitted July 1964.

L 23947-66 IJP(c)

ACC NR: AT5027859

SOURCE CODE: CZ/2503/65/000/011/0247/0251

AUTHOR: Svoboda, Antonin; Sedlak, Jan--Sedlak Yan

26
13 + 1

ORG: Research Institute of Mathematical Machines, Prague

TITLE: An algorithm for Boolean algebra in digital computers

SOURCE: Ceskoslovenska akademie ved. Vyzkumny ustav matematickych stroju. Stroje na zpracovani informaci, no. 11, 1965, 247-251

TOPIC TAGS: Boolean algebra, decimal computer, algorithm, EPOS computer

ABSTRACT: An algorithm is described which produces fundamental Boolean operations. Operands are economically encoded for the computer, representing ordinary decimal numbers. Each decimal digit contains three bits of logical information. The computer operates with operands using conventional decimal fixed-point arithmetic. A special logical operation is needed for the Boolean sum and product. The operational code of the computer is provided with the following instruction for extraction-insertion: $F(x,y,h) = z$, where x, y are Boolean operands, h is a masking word with m decimal digits, and z is the result of operation F . A flow diagram of the algorithm is presented. The program written in machine language for EPOS contains 46 words, 35 of which are instructions. The program belongs to the interpretative system of programming. Orig. art. has: 1 figure. [KS]

SUB CODE: 09/ SUBM DATE: 17Jan64

Card 1/14

2

SEDLAK, Jan, inz.

Economical operation of the electric power distribution system
110 kV. Energetika Cz 11 no.12:617-620 D '61.

SEDLAK, Jan, inz.

Effectiveness of investments of the power industry in the South
Moravia region. Energetika Cz 11 no.6:265-267 Je '61.

CZECHOSLOVAKIA/Nuclear Physics - General.

C.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 14662

Author : Sedlak, Jaroslav

Inst : -

Title : Conference on High Energy Particle Physics, Held in
Lublice (Czechoslovakia) on 2 -- 6 June 1958.

Orig Pub : Vest CSAV, 1958, 67, No 7-8, 507-509

Abstract : No abstract.

Card 1/1

BERNEGR, Jaroslav; SEDLAK, Jaroslav

International Conference on Cosmic Rays in Jaipur, India, 1963.
Cs cas fys 15 no.2:170-174 '65.

1. Institute of Physics of the Czechoslovak Academy of Sciences,
Prague. Submitted October 5, 1964.

Sedlak J. Príspevek k studiu ovlivneni fagocytosy modernimi chemoterapeutiky
The influence of modern chemotherapeutics on phagocytosis Casopis Lekarů Ceských 1947,
86/42 (1272-1277) Tables 6

So: Physiology, Biochemistry and Pharmacology, Section II, Vol. I, #1-6

SEDLAK J. and Solar V. Novy, u nas izolovany typ salmonelly "A new Salmonella type isolated in Czechoslovakia Biologicke Listy, Prague 1949, 30/2 (111-114) Tables 5

Two strains of Salmonella have been isolated from the faeces of a sick puma and a chame leon. They have an identical antigen structure, that is VI₁VIII₁ y enz₁₅. They are considered as a new type of the Salmonella group.

Symon-Erno

So: Medical Microbiology and Hygiene, Section V, Vol. 3, No. 1-6

SEDLAK, J.

Research on paracolon bacillus. Biol. listy 30 no. 4:217-227

15 Mr '49.

(CLML 19:2)

1. ^{Docent} Branch of Microbiology and Epidemiology of SZU (Head -- Docent
Karel Raska, M.D.) Department of Diagnostic Microbiology.

SEMAN J.

Stafylokokove enterotoxikozy. /Staphylococcal enterotoxiosis/

Cas. lek. cask. 89:28 14 July 50 p. 795-7

1. Of the Third Branch of the State Health Institute, Prague
(Head--Docent K. Raska, M. D.) and of the Department for
Microbiological and Serological Diagnosis (Head--J. Sedlak,
M. D.).

CLM 19, 5, Nov. 50

SEDLAK, J.

Nomenclature and classification of dysentery bacilli. Cas. lek. cesk.
90 no.45:1331-1337 7 Nov 1951. (GLML 21:2)

1. Of the Third Division SZU. (Head--Docent K. Raska, M.D.)

SEDLAK, J.

"Present Views of Epidemic Diarrhea in the New Born and in Infants."

SO: Ped. listy, Prague, Vol. 3 (1953), No. 3 pp. 153-160.

SEDLAK, J.

DREXLER, S.; KUBELKA, V.; SEDLAK, J.

Bacterial etiology of infant diarrhea. Pediat. listy 9 no.2:
83-87 Ap '54.

1. I. detska klinika, prednosta prof. Dr J.Svejcar. Bakteriologicko-
serologicky ustav K.U., prednosta prof. Dr F.Patočka, Ustav
epidemiologie a mikrobiologie, prednosta doc. Dr K.Raska.
(DIARRHEA, in infant and child,
*bacteriol.)

SEDLAK O Dr.
BRADAC, Otto, Dr; PROCHAZKOVA, Ruz., Dr; SEDLAK, Jiri, Dr

Epidemic of fatal *Pseudomonas aeruginosa* diarrhea in newborn infants. *Pediat. listy*, Praha 9 no.4:229-234 June-Aug 54.

1. Z detskeho odd. KUNZ Liberec prim. Dr O.Bradac a z byv. II. odb. SZU Praha, predn. doc. Dr K.Raska.

(PSEUDOMONAS INFECTION, in infant and child,
aeruginosa, diarrhea in newborn inf.)

(DIARRHEA, in infant and child,
newborn, *Pseudomonas aeruginosa* diarrhea)

(INFANT, NEWBORN, diseases,
Pseudomonas aeruginosa diarrhea)

TOMASOFFOVA, Alzbeta; SEDLAK, Jiri

Importance and actual value of bacteriological examination in urology. Cas. lek. cesk. 95 no. 44-45:1262-1266 9 Nov 56.

1. Katedra Mikrobiologie lekarske fakulty Hygienicke KU v Praze.
Prednosta: doc. MUDr. Jiri Sedlak.
(URINARY TRACT, microbiol.
bacteriol. exam., value & clin. correlation (Cs))

SED LAK, Jiri; DVORAKOVA, Vera

Diagnosis and treatment of postdysenteric arthritis. Cesk.
epidem. mikrob. imun. 6 no.3:197-203 May 57.

1. Katedra mikrobiologie Lekarske fakulty hygienicke Karlovy
university v Praze, prednosta doc. MUDr. Jiri Sedlak - Klinika
nemoci vnitrich Lekarske fakulty hygienicke Karlovy university
v Praze, prednosta prof. MUDr. Vratislav Jonas.

(DYSENTERY, compl.

postdysenteric arthritis, diag. & ther. (Cz))

(ARTHRITIS

postdysenteric, diag. & ther. (Cz))

RASKA, Kare; SEDLAK, Jiri

Problems of diagnostic microbiological identification of Enterobacteriaceae in Czechoslovakia. *Cesk. epidem. mikrob. imun.* 6 no.5: 289-294 Sept 57.

1. Ustav epidemiologie a mikrobiologie v Praze - Katedra mikrobiologie
lekarske fakulty hygienicke v Praze.

(BACTERIAE,

Enterobacteriaceae, identification (Cz))

SEDIK, Jiri (Praha 12, Srobarovo 50.)

Identification of *Salmonella* in current diagnostic work. *Cesk. epidem. mikrob. imun.* 7 no.2:106-117 Mar 58.

1. Katedra mikrobiologie lekarske fakulty hygienicke KU v Praze, prednosta doc. Dr. J. Sedlak.

(*SALMONELLA*,

typing of strains isolated in Czech (Cz))

EXCERPTA MEDICA Sec 4 Vol 12/7 Med. Micro. July 59

2016. THE LABORATORY DIAGNOSIS OF ENTEROTOXICOSIS STAPHYLOCOCCICA - Zur Laboratoriumsdiagnostik von Enterotoxikosis staphylococcica - Sedláč J. and Průchová J. Lehrstuhl der Mikrobiol., Med.-Hyg. Fak., Karls-Univ., Prag - Z. IMMUN.-FORSCH. 1958, 116/1-2 (109-125) Graphs 6 Tables 5

In most cases of clinically typical intoxication by staphylococcic enterotoxin the isolation of staphylococci from the incriminated foodstuffs or from the stools or stomach of patients may be a sufficient certification of the clinical diagnosis. The direct or indirect demonstration of the enterotoxin is necessary in special cases only. The Ritten test of Dolman combined with titration by means of a surviving piece of rat duodenum is recommended for this purpose.

SEDLAK, J.; TOMASOFFOVA, A.; HATALA, M.

On occurrence and aetiological importance of proteus hauseri in
infections of man. J.hyg.epidem., Praha 3 no.4:422-430 1959.

1. Institute of Microbiology of Faculty of Hygiene, Prague.
(PROTEUS INFECTIONS)

JIRVEC, O.; SEDLAK, J.

50th birthday of Karel Raska MD. Cesk. epidem. mikrob. imun. 8
no.6:353-355 N '59.
(BIOGRAPHIES)

SEDIK, J.; TOMASOFFOVA, A.; HATAIA, M.

Contribution to etiopathogenic interpretation of the significance
of *Proteus hauseri*. Cesk. epidem. mikrob. imun. 8 no. 6:408-412
N '59.

1. Ustav mikrobiologie lekarske fakulty hygienicke Karlovy univer-
sity v Praze.
(PROTEUS INFECTION Sepidemiol.)

SEDLAK, Jiri; DLABAC, Vladimir; MOTLIKOVA, Maria

The taxonomy of the Serratia genus. J. hyg. epidem. (Praha) 9
no.1:45-53 '65.

1. Institut of Microbiology, Medical Faculty of Hygiene,
Charles University, Prague.

SEDLAK, J.

Effect of substances which lower surface tension and the use of
L cysteine as standard in polarographic determination of SH
substances in plant material. p. 397. Vol. 9, no. 7, Sept. 1955.
CHEMICKE ZVESTI. Bratislava.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

Med The polarographic determination of L-ascorbic acid in plants. Jozef Sedláč (Slovenská Akad. Vied, Bratislava, Czech.). Chem. zvesti 10, 626-35(1956)(German summary). —In the polarographic detn. of L-ascorbic acid (I) in plant matter, the quant. evaluation of the diffusion current can be made by calibration curves based on the relation of concn. of I directly on plant ext. and not on the basic electrolyte. The slope of calibration curves changes according to the plant variety and with a certain variety it changes according to dila. of plant juice with acetate buffer soln. (II) at pH 4.7. Series of analyses and the calibration polarogram have to be carried out on every plant variety at the same ratio of II to the wt. of the sample. The polarographic detn. of I is only exact if plant juices are dild. at least in the ratio 1:1 (with kohlrabi 1:2) with II which is the best for the extn. under anaerobic conditions. Jan Miska

SEDLAK, J. KALOCAL, S.

Content of SH-substances and free L-ascorbic acid in vegetables and fruit. p. 40
(Cherické Zvesti. Vol. 11, no. 1 Jan 1957) Bratislava

SO: Monthly List of East European Accession (EEAL) IC, Vol. 6 No. 7, July 1957
Uncl.

SEDLAK, J.; MICHALOVSKIJ, N.; KALOGAI, S

"Effect of a higher intake of sulfates on the utilization of sulfur by winter cabbage: relationship between the strumigenous property of plants and their sulfur utilization. 1."

BIOLOGIA, Bratislava, Czechoslovakia, Vol. 14, no. 1, 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclass

MACA, Arnost; SEDLAK Josef

Application of individual methods of core production.
Slevarenstvi 12 no.11:421-425 N '64.

1. State Research Institute of Material and Technology, Foundry
Research.

CZECHOSLOVAKIA

SEDLAK, J.; HRUSCHKA, J.; Chair of Psychology, J.E. Purkyne University, Brno; Psychological Laboratory Klement Gottwald Nova Hut Works, Ostrava. [Original version not given].

"Rest Periods During the Shifts of Workers Operating on Automated Lines."

Prague, Activitas Nervosa Superior, Vol 8, No 2, Jun 66, pp 151-159

Abstract: Experiments were conducted on 10 workers employed at the automated line for the production of engine heads and crankshaft housings at the plant producing "Zetor Major" tractors. Dynamometry, tapping, and dotting were used in the study. Pressure of the right and left hands and accuracy of movements were recorded after every working hour. The greatest drop in productivity occurs after the 4th hour of work; in the past the break took place after more than 4 hours; when it was advanced so that it would be taken at the critical time, an improvement of the performance was noticed. 3 Figures, 10 Western, 10 Czech, 2 Russian, 2 East German references. Article is in German.

1/1

SEDLAK, Juraj, doc., inz., C.Sc.

Note on the physical principle of heat in relation to energy. Tech
praca 15 no.1:6-8 J '63.

1. Dekan Strojnickej fakulty, Slovenska vysoka skola technicka,
Bratislava.

ZVARIK, E., MUDr.; RADAKOVIC, M., MUDr.; SEDLAK, J., prom. lekar.

The significance of observing the fibrinolytic activity in
gynecological and obstetrical practice. Cesk. gynek. 30 no.1:
114-118 Mr'65.

1. Gyn.-por. oddzeleni (veduci: MUDr. E. Zvarik), OTS (veduci:
MUDr. M. Radakovic) a Centralna labor. (veduci: J. Sedlak, prom.
lekar) Obvodniho ustavu narodniho zdravi v Martine.

SEDLAK, Jozef

Content of volatile mustard oils in winter cabbage. (Relation of
strumigenic plants to the utilization of fats) V. Biologia (Bratisl.)
20 no.2:100-104 '65

1. Endokrinologicky ustav Slovenskej akademie vied v Bratislave.

SEDLAK, Juraj, doc., inz., C.Sc.

The theory of resemblance and modelling. Tech prace 14 no.7:
497-500 J1 '62.

1. Prorektor Slovenskej vysokej školy technickej, Bratislava.

SVOJAK, Juraj, doc. inz. OSc.

Remarks on the definition of heat according to the molecular theory and its historical development. Stroj cas 15 no.5: 413-418 '64

1. Faculty of Mechanical Engineering, Slovak Higher School of Technology, Bratislava.

SEDLAK, K.; KOSTAN, Josef

Socialist work brigades. Elektrotechnik 17 no.9:272 S '62.

1. Ceskomoravska-Kolben-Danek Praha, zavod Slevarny II (for
Kostan).

SEDLAK, L.

Do-it-yourself repair of a winch. p. 317. (Kridla Vlasti, No. 10, May 1957, Praha, Czechoslovakia)

SG: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

SEDLAK, L.

CZECH/3-59-9-8/39

22(3)

AUTHOR:

Böhmová, H. and Sedlak, L.

TITLE:

How Did They Prepare (Jak se připravovali)

PERIODICAL:

Křídla Vlasti, 1959, Nr 9, upper half of p 5 (CSR)

ABSTRACT:

Article deals with the winter preparation of the Air Tow Station Letkov and Koice. The Letkov Station conducted classes in navigation, flight regulations, instrument, maintenance, operation of aviation material along with political discussions. Since many Club members spent some time abroad in 1958, discussions were organized about SZG, Bulgaria, Sweden and Austria. Koice Station concentrated on the education of its new members. 35-40 members regularly attended all the classes. Mr Minářik was instructor of the class for construction of aircraft. There is 1 photo.

Card 1/1

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application, Part 3. - Treatment of Solid
Combustible Minerals.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71932.

Author : M. Sedlak.

Inst :

Title : Effect of Technological Parameters on Phenol
Concentration in Sewage of Coal-Tar Chemical
Works.

Orig Pub: Paliva, 1957, 37, No 7, 231-233.

Abstract: Observations were carried out at two coal-tar chemical works (one with Otto ovens, the other with Coppers ovens) in the duration of two months in order to find out the dependence between the concentration of phenols in sewage and such parameters of the coking

Card : 1/3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application, Part 3. - Treatment of Solid
Combustible Minerals.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71932.

processes, as the temperature in heating channels,
the charge of chambers, the batch moisture, the
yield of ammonia water, and the nitrogen content
in coke gas. It was found that among these in-
dices, the coking temperature produced the great-
est effect: at a drop of temperature in channels
from 1200 or 1310° to below 1200° the phenol con-
centration rose from 0.4 or 0.8 to p g per liter.
The conclusion was arrived at from the comparison
of the work conditions at the above mentioned
works that the rise of the phenol concentration
and the rise of the rentability of work of depheno-

Card : 2/3

91

EXHIBIT, 11

Experiences show how to develop industries. Art in the service of a great idea. p. 9.

PRÁVNÍK. (Právnícká strana Slovenska. Ustredni vybor)
Vol. 3. no. 46. Nov. 1959.

Monthly List of East European Acquisitions (EMI), 10. Vol. 3, No. 2, Feb. 1960.
Encl.

PICLATEK, A.; SEDLAK, M.; KARANEC, D.

On the role of blood coagulation disorders in bleeding in puberal girls. Cesk. gynec. 27/41 no.8:603-608 '62.

1. Gyn.-por. klin. Lek. fak. UPJS v Kosiciach, prednosta prof. dr.
T. Schwarz Hemat. labor. Detskej klin. Lek. fak. UPJS v Kosiciach,
prednosta prof. dr. F. Demant.

(PUBERTY)

(MENSTRUATION)

(BLOOD COAGULATION DISORDERS)

SEDLÁK, M.; PACÍK, J.; STAN, J.

Effect of intravenously administered thiazobiturbates on
blood coagulation in cesarean section. *Cesk. gynec.* 29 no.
667-668 N° 64

1. III. int. klin. (prednosta akad. J. Charvat), 1. gyn-pop.
klin. (prednosta prof. dr. K. Klaus, DrSc.) fak. vcesl. lek.
Karlov University v Praze.

SEDLAK, Mikulas, inz.

A worthy partner of Czechoslovak research institutes. Drevo 19
no.5:190 My '64.

1. Vychodoslovenske celulozky a papierne National Enterprise,
Hencovce.

SEDLAK, Mikulas, inz.

Complex processing of wood in the plan of chemicalization of the Soviet economy. Drevo 19 no.7:241-242 J1 '64.

1. Vychodoslovenske celulozky a rapierne, Hencovce.

SEDLAK, Miloslav

Capacity calculations. Stroj vyr 11 no.11:563-567 N°63.

1. Zavody presneho strojirenstvi, n.p., Gottwaldov.

SEDLAK, O. ; Krcmar, B.

Chemical stabilizing of the foundation joint of a bridge pier. p. 326.

INZENYRSKE, STAVBY. (Ministerstvo stavebnictvi) Praha, Czechoslovakia.
Vol. 7, no. 9, Sept. 1959.

Monthly List of East European Accessions (EPAI) LC Vol. 8, no. 11, Nov. 1959
Uncl.

ANTAL, J.; HAJEK, J.; SEDLAK, P.

Reflex modifications on respiratory metabolism in children. Cesk. fysiол.
7 no.3:178-179 May 58.

1. Fyziologicky ustav Lekarskej fakulty Komenskeho university v Bratislave.
(RESPIRATION, physiол.
reflex changes of resp. metab. in child. (Cz))

HAJEK, J.; SEDLAK, P.

Conditioned reflex modification of energy metabolism in man following work activity changes. Bratisl. Lek. Listy 42 no.2:654-664 '62.

1. Z Katedry fyziologie Lek. fak. Univ. Komenskeho v Bratislave, veduci clen koresp. SAV J. Antal, Dr. Sc.
(REFLEX CONDITIONED) (EXERTION) (METABOLISM)

POLAND / Cosmochemistry. Geochemistry. Hydrochemistry. D

Abs Jour: Ref Zhur-Khim, No 12, 1959, 41951.

Author : Sedlak, W.

Inst : Not given.

Title : Pyrites in Lysa Gora.

Orig Pub: Przegl. geol., 1958, 6, No 6, 276-277.

Abstract: The separation of pyrite in the cement of quartzite is explained by the following reactions : $\text{Fe(OH)}_3 + 3\text{HCl} \rightarrow \text{FeCl}_3 + 3\text{H}_2\text{O}$; $\text{FeCl}_3 + 2\text{H}_2\text{S} \rightarrow \text{FeS}_2 + 2\text{HCl} + \text{Cl}_2$. -- G. Vorob'yev.

Card 1/1

SEDLAK, Wlodzimierz

Occurrence of silicon components in a live organism.
Kosmos biol 12 no.6:497-504 '63.

W. B. A. Miodziemiarski

Pyrite in the Llyn Gwynnau Mountain. Trans. geol. Soc. 11 no. 24431-32
3153

M. Włodzinski

Occurrence of manganese in the Lysica Massif. Przegl geol 12 no.10:
424-426 G '64.

SEDLAK, Wlodzimierz

Silicon as an indicator of biochemical evolution. Kosmos biol
14 no.1:23-30 '65.

SEDLAK, YA.

S/627/60/002/000/025/027
D299/D304

3.2410
AUTHORS: Fenivesh, E., Frenkel', A., Telbits, P., Pernegr, Ya.,
Petrzhilka, V., Sedlak, Ya., and Vrana, I.

TITLE: Investigating high-energy electron-photon cascade in
emulsions

SOURCE: International Conference on Cosmic Radiation. Moscow,
1959. Trudy. v. 2. Shirokiye atmosferye livni i kas-
kadnyye protsessy, 307-310

TEXT: The energy spectrum of the primary photon was determined;
the energy spectrum of pairs formed at depths of up to 1.5 units
was studied. The obtained spectra were compared with the distribu-
tion based on Bethe-Heitler's theory, and with that based on Migdal's
formulas (a further development of the Landau approximation). The
energy E_0 of the primary photon was determined by the Chudakov-Per-
kins effect, by the longitudinal and lateral shower development,
and also by Pinkau's method. The values for the primary energy,

Card 1/ 3

S/627/60/002/000/025/027
D299/D304

Investigating high-energy ...

obtained by shower development in the approximations A and B, were underrated. A more accurate energy estimate is obtained by means of the curves of A. A. Varfolomeyev and I. A. Svetlilobov (Ref. 11: ZhETP, 36, 1771, 1959). The data of Ref. 11 yielded a higher value for the primary energy. In the following, a primary energy of $2 \cdot 10^{12}$ ev. is assumed. The energy of electron pairs was determined either by E. Lohrmann's method (Ref. 15: Nuovo Cim., 2, 1029, 1955) or by measuring multiple scattering. In some cases both methods were used. The results are shown in a table and in 2 figures which also exhibit (for comparison) two theoretical curves corresponding to Bethe-Heitler's and Migdal's formulas, respectively. The authors conclude that by studying only one or a few cascades, no definite decision can be made as to the validity of either Bethe-Heitler's or Landau-Migdal's theory. In this light, the present investigation should be considered as a contribution to the general statistics of cascades, investigations of a larger number of shower cascades being required before reaching a definite conclusion. The authors express their thanks to Professors Yanoshi, Parkas and Danysh. There

Card 2/3

Investigating high-energy ...

S/627/60/002/000/025/027
D299/D304

are 2 figures, 2 tables and 18 references: 12 Soviet-bloc and 6 non-Soviet-bloc. The references to the English-language publications read as follows: D. H. Perkins, Phil. Mag., 46, 1146, 1955; K. Pin-
kau, Phil. Mag., 2, 1389, 1957; J. C. Butcher, B. A. Chartrea and
S. Messel, Nuc. Phys., 6, 271, 1958; J. Nishimura and K. Kamata,
Prog. Theor. Phys., 7, 185, 1952.

ASSOCIATION: Tsentral'nyy issledovatel'skiy institut fiziki, otde-
leniye kosmicheskikh luchey (Central Research Insti-
tute of Physics, Cosmic Ray Section, Budapest); Fi-
zicheskiy institut Akademii nauk (Physics Institute
of the Academy of Sciences, Prague)

Card 3/3

SEDLAK, Zdenek, inz. (Praha); KLANIC, Oskar, inz. (Brno); JASAN, Vincent,
inz. (Kosice).

Branch of the Czechoslovak Scientific Technological
Society in the Ore Mine Project. Rudy 11 no.9:321-322
S '63.

SEDLAK, Zdenek, inz. (Praha); KLANIC, Oskar, inz. (Brno); JASAN, Vincent, inz.
(Kosice)

Branch of the Czechoslovak Scientific Technological Society in the
Ore Mine Project. Rudy 11 no.9:321-322 S '63.

CERNAY, J.; HUDAKOVA, G. Technicka spoluprace: SEDLAKOVA, A.

Effect of a mixture of adrenalin and noradrenalin on the level of reduced glutathione (GSH) in the blood of healthy children after administration of food and some drugs. Bratisl. lek. listy 44 no.9:527-530 '64.

1. Pediatricka katedra 1. lov. ustavu pre-doskolovanie lekarov v Trencine (veduci: MUDr. A. Getlik); Centralne laboratorium OUNZ v Trencine (veduci MUDr. Z. Cicvarek) a Ustav zdravotnickej statistiky v Bratislave (riaditel: prom. ekonom. E. Estok).

SEDLAKOVA, E.; POKORNY, J.

Value of the clearance test in atherosclerosis. Cas.lek.cesk 100
no.29/30:924-928 14 JI '61.

1. Angiologicka laborator KU v Praze, reditel prof. B. Prusik a
IV. interni klinika KU v Praze, prednosta prof. dr. M. Fucik.

(ARTERIOSCLEROSIS blood) (LIPOPROTEIN LIPASE pharmacol)

SOBKA, J.; KOLBEL, F.; KAPITOLA, J.; PROCHAZKA, B.; SEDLAKOVA, E.; SULC, M.

Genealogical study of familial hypercholesterolemic xanthomatosis.
Acta univ. Carol. [med] (Praha): Suppl. 18: 165-169 '64.

I. III. interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze (prednosta: akademik prof. dr. J. Charvat); IV.
interni klinika fakulty vseobecneho lekarstvi University Karlovy
v Praze (prednosta: prof. dr. M. Fucik) a Angiologicka laborator
fakulty vseobecneho lekarstvi University Karlovy v Praze (reditel:
prof. dr. B. Prusik).

SOBRA, Josef; KOLBEL, Frantisek; PROCHAZKA, Bohuslav; SEDLAKOVA, Eva;
SULC, Miloslav

Congenital lipid metabolism disorders. V. Familial hypercholesterolemia xanthomatosis -- blood cholesterol and phospholipid level.
Cas.lek.cesk 100 no.29/30:928-932 14 J1 '61.

1. III. interni klinika KU v Praze, prednosta akademik Josef Charvat,
IV. interni klinika KU v Praze, prednosta prof. dr. Mojmir Fucik,
Angiologicka laborator KU v Praze, reditel prof. dr. Bohumil Prusik.

(LIPOIDOSIS blood) (CHOLESTEROL blood)
(PHOSPHOLIPIDS blood)

SOBRA, Josef; KOLBEL, Frantisek; PROCHAZKA, Behuslav; SEDLAKOVA, Eva;
SULC, Miloslav

Congenital lipid metabolism disorders. VI. Familial hypercholesterolemia xanthomatosis — the level of lipemia, esterified fatty acids and lipoproteins in the blood. Cas.lek.cesk 100 no.29/30:933-936 14 J1 '61.

1. III. interni klinika KU v Praze, prednosta akademik Josef Charvat,
IV. interni klinika KU v Praze, prednosta prof. dr. Mojmir Fucik,
Angiologicka laborator KU v Praze, reditel prof. dr. Bohumil Prusik.

(LIPOIDOSIS blood) (LIPOPROTEINS blood)
(FATTY ACIDS blood)

REINIS, Z.; PUCHMAYER, V.; SEDLAKOVA, E.; SULC, M.; VANECEK, R.; KUBAT, K.;
TRAVNICKOVA, E.

Effect of chlortetracycline on experimental atherosclerosis in rabbits.
Cas.lek.cesk 100 no.37:1153-1156 15 S '61.

1. IV. interni klinika, Angiologicka laborator, II. patologickoanatomicky
ustav, Fyziologicky ustav KU v Praze.

(CHLORTETRACYCLINE pharmacol)
(ARTERIOSCLEROSIS exper)

CZECHOSLOVAKIA

SOBRA, J., SEDLAKOVA, E., and HREBINKOVA, A., Third Clinic of Internal Medicine (III. interni klinika), Faculty of General Medicine (Fakulty vseobecneho lekarstvi), Charles University, Prague, Academician J. CHARVAT, director; and Angiological Laboratory (Angiologicka laborator), Faculty of General Medicine, Charles University, Prague, Prof. Dr. B. PRUSIK, director [individual affiliations cannot be determined].

"Congenital Defects in the Lipid Metabolism. X. Familial Hypercholesterol Xantomatosis. A Finding of Hyperproteinemia"

Prague, Casopis Lekarů Ceskych, Vol CII, No 25, 21 June 63, pp 699-700.

Abstract: Described is a test the purpose of which was to eliminate the interference of an increased level of blood lipides in the refractometric test. Serum nitrogen was determined by means of a microchemical method and a gradient cylinder was used to determine proteinemia, both operations being part of a refractometric determination. A table contains comparative data found in normal persons and patients suffering from familial hypercholesterol xantomatosis. Sixteen references, including 13 Czech.

1/1

SEDLAKOVA, E.

4 3

CZECHOSLOVAKIA

SOBRA, J; PROCHAZKA, B; SEDLAKOVA, E; SULC, M.

1. Third Internal Medicine Clinic of the Faculty of General Medicine (III. vnitřní klinika fak. všeob. lek.), Brno; 2. Fourth Internal Medicine Clinic of the Faculty of General Medicine (IV. vnitřní klinika fak. všeob. lek.), Brno; 3. Angiological Laboratory FVL UK (Angiologická laborator FVL UK), Brno

Prague

Brno, Vnitřní lékařství, No 7, 1963, pp 642-649

"Inborn Errors of Lipid Metabolism VIII. Familial Hypercholesterolemic Xanthomatosis. Influence of Phytosterols on Blood Lipid Level."

SEDLAK, J.; SEDLAKOVA, J.; Technicka spolupraca: NEUSCHIOVA, E.

On the mechanism of action of Apiserum. Cas. lek. Cesk. 104
no.46:1276-1278 19 N '65.

1. Centralne laboratorium Obvodniho ustavu narodniho zdravi
v Martine (veduci MUDr. J. Sedlak) a Interne oddelenie Obvod-
niho ustavu narodniho zdravi v Martine (veduci MUDr. J. Jakus).
Submitted July 1964.

SEDLAKOVA, Libuse, inz.

Effect of water temperature on the yield from milch cows.
Vestnik vyzk zemedel 9 no.10:462 '62.

1. Vyzkumny ustav pro chov skotu, Rapotin u Sumperka.

L 19766-65 EWP(e)/EPA(s)-2/EWT(m)/EPF(n)-2/EPA(w)-2/EWP(b)/EWP(t) Pub-10/Pt-10/
 Pu-4 IJP(c)/ASD(m)-3/AFETR ES/WW/JD/JG/WH
 ACCESSION NR: AP4047641 Z/0012/64/000/004/0273/0282

AUTHOR: Jakes, D. (Yakesh, D.); Sedlakova, L.; Wolf, J. (Vol'f, I)

TITLE: Sintering of ceramics from UO_2 . I. The preparation of UO_2 sinterable at low temperatures

SOURCE: Silikaty, no. 4, 1964, 273-282

TOPIC TAGS: uranium dioxide, ceramic, ceramic sintering, sinterable uranium dioxide

ABSTRACT: This article describes methods for the preparation of powdered UO_2 of average and high surface area, and deals with the determination of the optimum precipitation temperature, the concentration of initial solutions, the terminal pH of the suspension, the rate of precipitation, the conditions for reduction of the compound in H_2 , and the surface area of UO_2 . In all cases it was a matter of the reduction of the polyuranate to UO_2 , without the calcination phase of the process. Of the preparation conditions, the temperature of precipitation of the ammonium polyuranate, the concentration of the precipitated solution, the terminal pH of the suspension, and to a decisive degree the reduction temperature in hydro-

Card 1/3

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ACCESSION NR: AP4047641

gen, had a fundamental effect on the final properties. The authors determined that the terminal pH of the precipitate depends on the concentration of the precipitated solution of UO_2 . The precipitation time of the polyuranate in the 15-60-min interval has no basic influence on the properties of the end product, nor has the drying temperature of up to 200°C any marked effect. The poor filtrability of the precipitate obtained under optimal conditions as determined in the experiments can be corrected with a flocculent. Good reproducibility of results was achieved by roasting up to 30 min at temperatures above 600°C. Maximum surface area of the UO_2 is obtained after 30 min of roasting at 700°C in a hydrogen atmosphere, and in a nitrogen atmosphere after 60 min of roasting. A material with excellent properties and with generally low dispersion characteristics (judging from the latest tests), is obtained by pyrolysis. Further comparison of the suitability of active or less active forms of UO_2 for reactor engineering must be evaluated by sintering, mechanical, and radiation tests of the compacted pellets. Orig. art. has: 8 figures and 4 tables.

ASSOCIATION: Ústav jaderného výzkumu, ČSAV, Řez u Prahy (Institute of Nuclear Research, Czechoslovak AS)

Card 2/3

L 19766-65
ACCESSION NR: AP4047641

SUBMITTED: 28Mar64

ENCL: 00

0
SUB CODE: MT, MM

NO REF SOV: 001

OTHER: 023

Card 3/3

JAKES, Dusan; SEDLAKOVA, Ludmila

Problem of the interdependence between grid parameters and
the composition of nonstoichiometric uranium oxide.
Jaderna energie 9 no.11: 358 '63.

1. Ustav jaderného výzkumu, Československá akademie věd.
Rež u Prahy.

LANDSPERSKY, Hanus; IMRISOVA, Dana; SEDLAKOVA, Ludmila; URBANEC, Zdenek.

Thermal dissociation of ammonium polyuranate (ADU). Jaderna
Energie 9 no.11:357-358 '63.

1. Ustav jaderného výzkumu, Československá akademie věd, Řež
u Prahy.

LANDSPERSKY, Hanus; SEDLAKOVA, Ludmila; JAKES, Dusan

Thermal decomposition of the hydrated UO_2 . Jaderna energie
10 no.1:20 Ja'64.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved, Rez.

SEDLACEK, J.; SEDLACKOVA, M.; SVEHLOVA, M.

Development of the palpebral reflex. II. Development in
children. Sborn. lek. 65 no.8/9:273-278 Ag '63.

(REFLEX) (EYELIDS) (INFANT, PREMATURE)

FELT, V.; REICHL, D.; SEDLAKOVA, O., techn. assistance.

Effect of heparin and protamine sulfate on alimentary lipemia.
Cas. lek. cesk. 96 no.30:954-959 19 July '57.

1. Ustav pro choroby obehu krevniho v Praze-Krci, reditel prof.
MUDr Kl. Weber.

(LIPIDS, in blood

excess, alimentary, eff. of heparin & protamine (Cz))

(HEPARIN, eff.

on alimentary lipemia (Cz))

(PROTAMINE, eff.

same

LUKESH [Lukes], R.; DUDEK, V.; SEDLAKOVA, O.; KORZHAN [Koran], J.

Effect of Grignard reagents on amide group. Part 31: Reaction of N-methylcaprolactam on paraffin Grignard reagents. Coll Cz Chem 26 no.4:1105-1112 Ap '61.

1. Kafedra organicheskoj khimii, Khimiko-tehnologicheskij institut, Praga.

(Amide group) (Grignard reagents)

SEDLACKOVA, S.

7

CZECHOSLOVAKIA

ERBEN, J; GROH, J; BARTOS, V; KRCH, V; KVASNICKA, J; NAVRATIL, P; PELIKANOVA, V; SEDLACKOVA, S.

1. First Internal Medicine Clinic LF KU (I. vnitřní klinika LF KU), Hradec Kralovy; 2. Urological Clinic LF KU), (Urologická klinika LF KU), Hradec Kralovy

Brno, Vnitřní lékařství, No 9, 1963, pp 892-899

"Our Experience with the Treatment with Hemodialysis (I. Some Methodological Remarks, Indications and Analysis of Complications."

SAFAR, GROUP, INC.

FOIA b(7)(D), b(7)(C), b(7)(B), b(7)(A)

ARAMBASIC, Bozidar, Dr.; MOCIC, Mirjana, Dr.; ~~SEDLAR, Danuska, Dr.~~;
JERIC, Sonja, Dr.; PERISIC, Zivadin, Dr.; ~~KUCMANOVIC, Miodir, Dr.~~
PAVLOVIC, Jovan Dr.

Role of Leoffler's bacillus in epidemiology, clinical aspects
and prognosis of diphtheria. Bibl.Hig.inst.Srbije no.5:155-162 '54.

1. Infektivna klinika Medicinskog fakulteta u Beogradu
(DIPHTHERIA,
epidemiol., clin.aspects & progn.bacteriol. aspects)

ARAMBASIC, Bozida, dr.; MOCIC, Mirjana, dr.; SEDLAR, Danuska, dr.; JERIC,
Sonja, dr.; PAVLOVIC, Jovan, dr.; PERISIC, Zivadan, dr.; KECHANOVIC,
Miomir, dr.

A great number of toxic diphtheria treated in 1951 and 1952.
Srpski arh. celok lek. 82 no.9:1041-1051 Sept 54.

1. Klinika za infektivne bolesti Medicinskog fakulteta u Beogradu,
upravnik prof. dr. Kosta Todorovic.

(DIPHTHERIAE
toxic, clin. & differ. diag.)

BERIC, M.; MILIN, R.; SCEPOVIC, M.; SEDLAR, D.

Hypothalamo-pituitary complex and sterility. Med.arh., Sarajevo 15
no.1:17-30 Ja-F '61.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Sarajevu
(Sef: prof. dr Milenko Beric). Institut za histologiju i embriologiju
Medicinskog fakulteta u Sarajevu (Sef: prof. dr Radivoj Milin)
(STERILITY etiol)
(PITUITARY GLAND physiol)
(HYPOTHALAMUS physiol)

SIMIC, S.; SEDLAR, D.; KONSTANTINOVIC, P.

Laparoscopy and culdoscopy in the diagnosis of extrauterine pregnancy. Med. arh. 18 no.5:99-103 S-0'64.

1. Ginekološko-akuserska klinika Medicinskog fakulteta u Sarajevu (Šef: Prof. dr. Jelka Knezevic-Svarc).

SEDLAR, Danuska; PIKELJ, F.

Our experience with oral penicillin in the treatment of
scarlet fever. Zdrav. vestn. 33 no.10:330-337 '64

1. Infekcijska klinika medicinske fakultete v Ljubljani
(Predstojnik: prof. dr. M. Bedjanic).

SEDLAR, JAN

Rybarstvo (Vyd. 1) Bratislava, Statne podohospodarske nakl., 1954.
444 p. (Zivocisna vyroba, zv. 25) (Fisheries. 1st ed. illus., bibl.)

SO: Monthly List of East European Accessions (EFAL), LC, Vol. 5, no. 2
February 1956

SEDLAR, Jan

A find of *Cobitis aurata* (Filippi 1865) *balcanica* Karaman 1922
nation *montana*(?) Vladykov 1925 and *Nemachilus barbatulus aberr.*
erythrina Berg 1933 in the basin of the Nitra River. *Biologia* 15
no.7:543-546 '60. (EEAI 10:2)

1. Zootechnická fakulta Vysokej školy poľnohospodarskej, Nitra.
(CZECHOSLOVAKIA--COBITIS)
(CZECHOSLOVAKIA--NEMACHILUS)

SEDLAR, J.

Practical application of domestic salts to the impregnation of timbering for mines and to the establishment of mining impregnation stations. p. 409. (Tehnika, Vol. 12, no. 3, 1957, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) L~~3~~, Vol. 6, no. 7, July 1957, Uncl.

051116, J.

Geoelectric prospecting for water in Karst on islands. P. 217.
BENKOWSKI WISNIEWSKI, Zigmunt, Vol. 5/7, 1951/53 (published 1954).

Re: Monthly list of East European Accessions, (R144), 10, Vol. 4, no. 10, Oct. 1955.
Encl.

- CZECHOSLOVAKIA / Analytical Chemistry. Analysis of
Inorganic Substances.

E

Abs Jour: Ref Zhur-Khim, No 12, 1959, 42101.

Author : Kral, S.; Sedlar, J.

Inst : Not given.

Title : Titrimetric Determination of Silicon in Ferro-
chrome Silicon.

Orig Pub: Hutnicke listy, 1958, 13, No 9, 812.

Abstract: Two methods of determination of Si in ferrochrome
silicon are described: dissolving and fusion. In
the first method, a crushed sample (0.2 g.) is
dissolved by cooling in a mixture of 20 ml. of
diluted HNO_3 (1:1) and 8 ml. of HF. 12 g. of solid
 KNO_3 are added to the solution, which is kept for
15 minutes. The deposit K_2SiF_6 is filtered, washed

Card 1/2

E-12

... dissolved in 100
... free of CO_2 . Then it is heated up
to 80° and the solution obtained in this manner
is filtered with a 0.4 n. solution of NaOH in the
presence of phenolphthalein. In the second method,
0.2 g. of the sample and 2 g. of KNO_3 are added to
the mixture. The mixture is carefully melted for 20 minutes; after
cooling, the fusion is dissolved in 20 ml. of HCl
(1:1), and 8 ml. of HF are added. After completely
dissolving SiO_2 , 15 g. of KNO_3 are again introduced
and kept for 15 minutes. The deposit is filtered
and titrated, as described above. -- N. Turkevich.

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001447620005-2

Card 2/2

SEDLAR, L.

Organizational network of technical and economic information centers in the construction industry. p. 260.

STAVEA. (Poverenictvo stavebnictva) Bratislava, Czechoslovakia, Vol. 6, No. 9, September, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959.

Uncl.

SEDLAR, Ladislav, inz. (Bratislava)

Plastics, metals, and glass in industrial building.
Tech praca 15 no.10;809-813 0 '63.